| Ref<br>#   | Hits | Search Query  | DBs                          | Default<br>Operator | Plurals | Time Stamp       |
|------------|------|---|------------------------------|---------------------|---------|------------------|
| S1         | 1116 | barium and molten with aluminum   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/17 17:20 |
| S2         | 387  | barium same molten with aluminum  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:03 |
| S3         | 11   | barium same resist\$2 same molten with aluminum   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:18 |
| S4         | 100  | barium near3 (sulfate hydroxide\$2 oxide\$2) same molten with aluminum                        | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:24 |
| S5         | 5996 | calcium adj silicate\$2 and (barium strontium)  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:25 |
| S6         | 615  | calcium adj silicate\$2 and (barium strontium) same aqueous                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:25 |
| <b>S</b> 7 | 77   | calcium adj silicate\$2 and (barium near2 hydroxide\$2) same aqueous                          | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:36 |
| S8         | 95   | refractory and (barium near2 hydroxide\$2) same aqueous                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:38 |
| S9         | 1722 | (silicon adj oxide\$2 silica silicate\$2)<br>and (barium near2 hydroxide\$2)<br>same aqueous  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 21:10 |
| S10        | 697  | (silicon adj oxide\$2 silica silicate\$2)<br>and (barium near2 hydroxide\$2)<br>with aqueous  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:38 |
| S11        | 6    | S9 and casting with aluminum  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:47 |
| S12        | 14   | barium adj hydroxide\$2 same<br>(molten cast casting) with aluminum                           | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 20:48 |
| S13        | 9    | ("3741308").URPN.   | USPAT                        | OR                  | OFF     | 2005/05/12 20:58 |
| S14        | 14   | ("2156220"   "2224120"   "2875835"<br>  "2880096"   "2955653"  <br>"3243962"   "3526172").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/12 21:00 |
| S15        | 7    | ("4144074" "2698256" "4600733"<br>"4607067" "3741308" "4936011").<br>pn.                      | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/13 07:38 |
| S16        | 7    | ("4144074" "2698256" "4600733"<br>"4607067" "3741308" "4196011").<br>pn.                      | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/13 07:44 |

| S17 | 0   | S16 and sulphuric  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/05/13 07:38 |
|-----|-----|--|---|----|-----|------------------|
| S18 | 4   | S16 and acid\$2  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/05/13 07:40 |
| S19 | 15  | ("6008152" "4126474" "4762811"<br>"4992395" "2912341" "6066289"<br>"6548436" "3078173" "2997402"<br>"4690867" "4897294" "4430121").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/05/13 07:42 |
| S20 | 25  | "0763392" "580916"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/05/13 07:42 |
| S21 | 32  | "763392" "580916"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/05/13 07:42 |
| S22 | 1   | ("5073199").pn.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/05/13 07:44 |
| S23 | 3   | ("5073199").URPN.  | USPAT   | OR | OFF | 2005/05/13 07:45 |
| S24 | 9   | ("4101335"   "4111712"   "4128434"<br>  "4132555"   "4144121"  <br>"4334931"   "4690867"   "4773470"<br>  "4897294").PN.                   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/05/13 07:46 |
| S25 | 0   | S24 and (barium strontium)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/05/13 07:47 |
| S26 | 2   | GB and "580916"  | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/05/13 08:06 |
| S27 | 0   | convert with barium same sulfate same sulfuric adj acid  | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/05/13 08:07 |
| S28 | 106 | barium same sulfate same sulfuric<br>adj acid  | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/05/13 08:07 |
| S29 | 71  | barium with sulfate with sulfuric adj<br>acid  | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/05/13 08:13 |
| S30 | 2   | barium same sulfate same sulfuric<br>adj acid same cast\$4   | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/05/13 08:14 |
| S31 | 5   | barium same sulfate same sulfuric<br>adj acid same (aluminum<br>aluminium)   | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/05/13 08:16 |
| S32 | 5   | barium with sulfate same sulfuric<br>adj acid and cast\$4 with (aluminum<br>aluminium)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/05/13 08:16 |

| S33 | 9    | barium with sulfate same sulfuric<br>adj acid and cast\$4 with (aluminum<br>aluminium magnesium)                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 08:21 |
|-----|------|---|------------------------------|----|-----|------------------|
| S34 | 133  | barium with sulfate and sulfuric adj<br>acid and cast\$4 with (aluminum<br>aluminium magnesium)                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 08:27 |
| S35 | 124  | S34 not S33   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 08:21 |
| S36 | 112  | barium with sulfate and sulfuric adj<br>acid and refractor\$4 and (aluminum<br>aluminium magnesium)                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 08:28 |
| S37 | 69   | barium with (oxide\$2 hydroxide\$2)<br>same sulfate and sulfuric adj acid<br>and refractor\$4 and (aluminum<br>aluminium magnesium) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:17 |
| S38 | 67   | (164/523).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:21 |
| S39 | 1    | S38 and (barium strontium)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:20 |
| S40 | 1    | S38 and sulfuric  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:20 |
| S41 | 1140 | (164/523,6,15,520,521,522,525,72,<br>169).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:48 |
| S42 | 40   | S41 and (barium strontium)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:38 |
| S43 | 2    | ("2502418").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:38 |
| S44 | 2    | ("2502418").URPN.   | USPAT                        | OR | OFF | 2005/05/13 09:40 |
| S45 | 32   | S41 and sulfuric  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:56 |
| S46 | 6    | S42 and S45   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 09:48 |
| S47 | 16   | S41 and sulfuric and alkali\$2  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 10:33 |
| S48 | 16   | S41 and sulfuric and II   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 10:35 |

| S49 | 553  | (264/302,651,636,644).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 10:36 |
|-----|------|---|------------------------------|----|-----|------------------|
| S50 | 29   | S49 and (barium strontium)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/13 10:36 |
| S51 | 11   | ("3078173" "4126474" "4622070" "<br>4690867" "4762811" "4992395" "50<br>39634" "6008152" "6066289" "6548<br>436").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/15 18:55 |
| S52 | 1767 | barium adj hydroxide same aqueous<br>same heat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/15 18:55 |
| S53 | 713  | barium adj hydroxide with<br>solution\$2 same aqueous same<br>heat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/15 18:56 |
| S54 | 200  | barium adj hydroxide with<br>solution\$2 same oxide\$2 same<br>aqueous same heat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/15 18:58 |
| S55 | 8    | barium adj hydroxide same<br>solution\$2 same oxide\$2 same<br>aqueous same heat\$4 and metal<br>with cast\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/15 18:58 |
| S56 | 258  | barium adj silicate\$2 and cast\$4 and (aluminum magnesium)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 17:20 |
| S57 | 60   | barium adj silicate\$2 and cast\$4<br>same (aluminum magnesium)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 17:20 |
| S58 | 1    | ("2160924").URPN.   | USPAT                        | OR | OFF | 2005/05/17 17:22 |
| S59 | 33   | ("1943331" "1943332" "1965604" "2160924" "2218334" "2502418" "2698256" "2698251" "2698256" "3079310" "3239472" "3539484" "3741308" "3944683" "4126474" "4144074" "4196011" "4252700" "4362203" "4600733" "4607067" "4789693" "5073199").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 18:31 |
| S60 | 1    | S59 and wollastonite  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 18:33 |
| S61 | 6    | S59 and calcium adj silicate\$2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 18:36 |
| S62 | 1860 | wollastonite and barium with (oxide\$2 hydroxide\$2)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 18:37 |
| S63 | 397  | wollastonite and barium with (oxide\$2 hydroxide\$2) and slurry   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 18:38 |

| S64 | 175 | wollastonite and barium with (oxide\$2 hydroxide\$2) and refractor\$4             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 18:38 |
|-----|-----|---|------------------------------|----|-----|------------------|
| S65 | 108 | wollastonite and barium with (oxide\$2 hydroxide\$2) and refractor\$4 and cast\$4 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/17 19:00 |
| S66 | 9   | "1070382"   | EPO;<br>DERWENT              | OR | OFF | 2005/05/17 19:10 |
| S67 | 4   | ("4690867" "4897294" "4430121").<br>pn.   | EPO;<br>DERWENT              | OR | OFF | 2005/05/17 19:11 |
| S68 | 3   | ("4690867" "4897294" "4430121").<br>pn.   | USPAT                        | OR | OFF | 2005/05/17 19:11 |
| S69 | 3   | S68 and calcium adj silicate  | USPAT                        | OR | OFF | 2005/05/17 19:11 |
| S70 | 3   | S68 and calcium adj silicate\$2   | USPAT                        | OR | OFF | 2005/05/17 19:17 |
| S71 | 1   | ("2698256").PN.   | USPAT                        | OR | OFF | 2005/05/17 19:17 |
| S72 | 2   | ("2698256").PN.   | USPAT;<br>USOCR              | OR | OFF | 2005/05/17 19:50 |
| S73 | 13  | "2105312"   | EPO;<br>DERWENT              | OR | OFF | 2005/05/17 19:50 |